A. V. W. G.

STLLETTY of the

AUTHORN A'S CHATTON OF JUSTICE SCHOOL TENS

(East rm Section)

(Fir riste circul tion)

Vol. I. 'codstoc's d.

May-June, 1024

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WER BULLETTE

This issue forms the last number of the bulletin for the current year. Our little publication has made a road begin ing and is now established on a sound basis. It has aroused interest, and we hope that it has atleast begun to accomplish its purpose in detelming a spirit of cooperation among the science and matho atics teachers of the province and in becoming a source of slight inspiration and help to them in their work. It has been especially ratifying to be accured of the control and uncourament of Superiors. We trust that with increasing cooperation the helpting continue to grow during the coming year. Our cordial tanks are me to all who sent in contributions and to the "Goodstock theologicans who have then care of the crimitim."

ENGLIN'S TORREST INTO A TY.

of the solar spectrum towards the red which seemed according to ar. bt. John (2) is now this colled into question. In SCIENCE ARTHACK for April 25th, there is an amount of a paper road by Jo Homann at the Doutschar Physikar Tar in form last pertember on the interpretation of the Lick Einstein expelinot yet been definitely proven by way of the three tests. In particular, he armes that the stallar displacements on the eclirse plates can equally well be explained by the surveisie: effect of yearly or cosmical refraction, so that stein it self wo has present at the meeting agreed that it was impossible to decide etween the Curvoisier cosmis refraction and the relativity effect by means of the Lick reasurements. SCIENCE for May Jth also reports that experimental evidence presented to the I tional Academy of science by br. b. H. Curtis, Director of the Alleghany observatory, Pittsburgh, does not bear out the prediction. Wirtis declares that according to the Minstein theory, all the solar lines should be swifted by an equal amount towards the red, whereas and increases as wider and stronger lines are used. The agenitude is not that prolicted by winstein. Ir. St. John still holds that the arreement between theoretical displacements being ine to the motion of currents of hot has in the question. It is only spotner example of the extreme caution required in veriacre targe of the tracry as an established fact must depend upon them.

(Reprint)



IS STUSE IT JETT?

Not long a o All ICA referred to the results of a copular vote among the readers of the NIV MAT JTIES. THE ME on the today cutstanding Jows of the world. The list of a res selected which may be found in the 1924 MURLD AT ATAC is headed by albert Einstein. It is well known that the German physicist is a Jew by race. Less permiss is known about his religious views. On this point there is an interesting reference in the letter of Fr. wahlmann of the Jerman Frovince in AUS DT. JOYIL for Feb. 122 which some of our readers may not have seen. At a very enthisiastic reception tendered to Tinstein at the imperial university at Tokio during his world tour, ather Mahl ann in his capacity as locturer or mer ab literature was called upon to express the greating of the Imperial Academs of Science in "classical form." Buring the banquet he was assigned a plan beside are Appetent. Actually much of the conversation centers both the first wished terr Professor. She told Fr. Wahlmann that a certain Catholic criest was one of her husband's best friends and that he had visited the Remaining at Action. As to his really it wisks, he no longer belonged to any locals really as a region, at he had of the assured her that it he should choose are religious. The PROFICE.

PROFESSOR PARROTTED AND THE AUTHOR OF AUGUSTATING

int he has notice a sile of the Jinsing i conting of the Emerican Alcocialing for the Lawrence and a solone, one of the oldest living former presilengt, From a lawrence and a solone, and of the oldest living former presilength of monopoles where a sugle of bitter sendences in his conclusion to
the effect that illies of a cricial way of the solones in his conclusion to
the effect that illies of a cricial way of the part of the month through by
important and supersidentian, that old below folklore and encient "haldeen
responding of a related as divine revitation, and that bigotry and intelerance
was till true to do not a lastruction and legislation. Only a handful of
people attended the ession, but sole of the palers gave publicity to the remarks
as today may for ad the solicity of the address. The editor and the good
formula to travel from dimensity to assimption in company with the Conference
and secretary in the editional institution. Firsthild's remarks called up in
the number of the conversation. By Malorit a great fact were cuite out of
place, and in averaged is all structured but the old pattlements look of
discretion. I pointed but that the latter's position as former president with
tive his the former in that a respect the replies which there is that a respect the
true that a reporter has interviewed a number of officials the following
the object of the solution of the replies which, while they did not always
answer the mostler directly, the cat sows any anti-roligious bies. The assured
the true of the reports of the replies which they are been only
out of place but a relative or the intelligence of millions of beginning and
the following respective or the intelligence of millions of beginning the
tile interpretation. From their more they millions of beginning the
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the more than a colonion of the former.



'ay-luno, 1024

and evil, one the choosing sentence very critical litter the councils provaled with Free reirraid or, is is or likely, the editor all blue central, estim permans on instructions from boso, expergeted the passage. The incident is a small one but it may perhaps be an indication that the American Association does not more to a ford apportunity for the energies of the "odium theologicus."

THE STORANG U. RICLONICAL SPECT WAS

we are all to tive a along to our first contribution for one of our members teaching in the Philippines. It describes how a feetilely a cralle has been solved which not be one results in the tracks them in temperate climes.

Writing a few concharactory constraint of a reliable that perhaps we present problem which is the internation of interval as the interval in this client, and the acquisition of it without a super laboratory like that of constraint. There were specified in the few middless that the coins on them, over though it ment telding them for interval perhaps be useful wan in Approximately and a few perhaps and the coins. For instance instant of a ping a large motor of sate at a rather with mote during the coefficient problem. After emphasizing the hair is out off, and the cost is improved a formaline this method on at the opplicable in the few sets.

"For preserving process to how "our storage tanks of falvanized iron, """ is here 30" in identic. The creature is 20" process and is colled with a with a tightly fitting limitation of 2" college, and in a called the had only a 1" college, and to fit get tight enough. The course each tank image tag. The times are not on a platform 20" high. They are filled with commercial orgalin to a depth of 6", and then with water until the fixture rises to 48". (No local ties means 8" from the top of the tank. "Ed.) indoubtedly a weaker solution would suffice in the Slates. It present I cannot say how often the solution would require remains, but I shall give some data about this later on.

"The tank specimens are lend das follows: Heavy twine is secured with a slig land under the arms of a marked, or enterior to the coudel lin of a shry, that the other end is looped, a number tag fastered to the loop, and the loop lanced over a look. I check is one of six or twalve screwed into a piece of light wood with will float or the surface of the formalin. From the float a light string reases under the lid of the mark, ending in a light weight and a number. These section is anted, look up the rumber and location in your record back, can the twing step back to the floor to avoid the escening gas, pull out the record float and find your major. It is well to go away now for about five manufacturing the gradient float and service at the check of the cards do not be or entailed if part is the work mutting the specimens gray.

"ever east tan is a sile only rept. The rope ends in a block and hook. lass this hook under the cord around the cort's chest. Taise the cart out of the late and late it is for a few alantes. "ling the wall only four feet from the tanks we have a large sint. By means of another pulley, giving us a double been arrange ent, we drop the art into the sink without ever having touched it. If er the formaling is we shall off, the arinal is placeant enough to handle and

is none the worse for his 1 n, inversion, and disection may 30 on as if it bid been embalmed only a few days before, in fact better, for after a few weeks the blood becomes and and no lightness are nucled. In this climate we



lay-june, 1024 p = 4

flud it a st to return the cut. to the tank ever the mek and after they have undergone dissection for about the meks. We generally would six or sight sharks on one word. Small assetment such as Progs, crayfish, etc., are bettin covered inches, the bush of twithin a cord and manuar as described hove.

"Now what about the cold reset on on the ron? The solution when "irst made should be neutral, but it will become acid in a very short to acreally within a worth. - = 'classy is much one carbed at the tor of the tank then at the bottom. Our first solution was left untouched from done 1.22 until a cold 1.24, through two solution was left untouched from done 1.22 until a cold onds string the solution the first year, no for cats only during the second were. If course this tank was being gened constantly. The formalise the second were strongly exid, were clearly recorded at the sides of the tank.

"Mun we are cleaning, remainting, and refilling two of the tanks in Carch, I ran across a acts in Lee - Glarat. Vade "coun, n. 60 suggesting agreesian carbon term coding carbon to as a noutralizing a set. We are now experient in on this, and I shall give the results at enother time. If successful, we shall as in the rest which will seil operates when it becomes you promound d. also nor all simulate borst tags should be made safe. In the last those at the surface, which meant wrantically all, for they are attached to the lock of the float, were administrative.

"Wire did we choose "elvanized from for the tarks? These particular tanks not been part of the planting system of the well- is much the water pressure was not you, and serve to being its named. Tenne they were ours for the asking

I law of ten woodered a second tank would do, and ight experiment along this line if more tanks smould be needed. And description is rather long, but maggive seme on the test can be reveloped into something useful for his own conditions and climes. The werestry of thice to man, expending professor at the local parameter altersity, was delimited with our system when he saw it working, and it now trying to that an emporition to install one in his storerest.

John A. Pollack 5. J.

30 B 300, 10A1 ICT. -10 0.1-8

We have received the following questions from the Ateres for the consideration of our Ch. 1sts. We spall no flad to live a place in the DULPTY to the onsiders.

1. That takes place and which the experiment in "could's Termal, To. 278, 181, in which e start ith silver sulfide i.e. with a silver coin coated ith sulfide, laced in cort at with all distant to that it is solution of codium control on a policy chlorice? Our the colucing is solled the coin stores bright again.

 What is the equation representing the liberation of WHg when powdered WadH, performed Tity and professor are mixed? (Cf. Newell, Exper. To. 10, E,

a. 25.)

3. Jan you express by an equation the production of a onia by rixing sold the and a leather and hearthur?

4. Why are silver, here and percurous chlorides soluble in expess dilute RCL?

J. Does Willy Port complex ions with Arcl?

6. Dues son of sulfits with seess Mayor form Su(ME), Sog or Cu (NE), (UR)?



T. Was in the monday of the Words more and artic, and mist and the formulae of the mote and cut a more set of columbs.

8. In tenting for the ferris ich with NI SCN, was does the red solor

disappen or at well to days?

3. What is the suspension wiles that " rus is the "Follow ent battles"
10. Can car elise rue as all the Rolletin runs at the Falletin runs at the franchis on the
second mount to run and "fee and malasiere, sto., "or the trie I distribus?"

H. T. DeCuller h. E. J.

The following contribution illustrator the six writy of epicion existing name as arts and union the possible in our right of certain fossible for ments. There the evidence it so blight and intermetations so different it sees the part of wisde to assume the ment, of least until more little or a wait le.

AWENTETT'STA.

The two festil term found in before a in 1922, have a ain beautiful that subject of discircion. I the law men and an distributed among 26 different limitations in arises write in the world, to afford leading electrist an apportunity to "exa in for the selves on to form their own ordrions as to the postule relationship of the find to brown ancestry."

Freviors their identity. The neutrinan was negligible in widely divergent entries repairing their identity. The neutrinan was up at a real that the teath are the upper actors of an enter of ape. Palacentelo ists both in this country and in Great writing question this encursion. Some of them believe that the teath belong to the fessil two of any lacency signature reces; others think that they are related to the fessil two of any lacency is interested; others think that the rates of fouth American; several anthropologists has intimated that the teath are not those of fouth American; several anthropologists has intimated that the teath are not those of any relative in a "local d" that the term both, which is in packaged at the festion of the second that the is a live worm, is probable a second upper molar of a native of the festion of it.

In the old date, a well a stay of non was laid for y blo might easson with about a some of an ass. The red in creative justice that socked from few tentered bone whole mosts of antexakiting species will, no doubt, find little difficulty in reac struction react tect, and a free one encoder "creat a state"

but, ich it as already i on the men lesseroritheers.

rather Joseph J. Lidesch S.J. St. Joseph's Jollege.

important e ting of the Joseph and nice which he needed.

The article cetting of the stormy sized union was all on av 1, 2, and 3 at the low Bulling of the reticonal Academy of Science and National Research Council, maniferton, D.C. as the writer attended the section on Seismolder and as many of our Collyge and interests in this transh of recovery, it may be interesting to indicate the to des discussed. These were items for the spend of the Tadrid et ing of the International decedite and sectional Prophysical Union to the Held Outcome 1 to 10 this year.



Ttems

- A considere ion of the water and loc tions of telepelatic stations useded.
 - 2. The stopes amore motel not lement for a first characteleseismic station.

3. The designation of acopting stanta, try a s is a rains.

4. The desired it to a reveleptor a type of instrument for the first work 1.2. Expensive and less complicated than those of the historial new availant, but midding results of again accuracy.

E. The sublication of seis obtained data: what to mediah, where to white

then to publish and must form of pullication.

- 6. Cans for stimulating searching buthout tool studies in seit old y, including the transmission of carthquare wales through the eight and also the effect upon structures of cathanil the ground clusted by an eightquake.
- 7. btudy of the slow creeping oftens of the ground between agor earthquakes, in regions known to a seis cally series, to means of systematic leveling and triangulation repeated at intervals of years, possibly fire, ten or nearly character number (similar to one work now being done by the 1.8. Coast and Coantic survey is intervals.)
 - c. Study of tro no comen s (tilking) by means of the seiscorrech.
- .. reparation of fault maps of seis itally active regions, similar to
- 10. Study of the relations between earthquakes and volcanous including the

11. store of ligrospicas, their cause, now far they are proporated, etc.

iscal in; the 'irat it m it my be interestin; he note that ira'. Marry fidding Rela, and if the Department of a clory of the Johns looking miversity, maintained that the uniter and looking of the Johns looking in the interestions of the sufficient provided but the uniterestic in the sufficient provided but the uniterestic in the sufficient of the sufficient that it is not the sufficient that it is not the sufficient of the sufficient of the control of the sufficient sufficient provided of the control of the sufficient sufficient that it is a sufficient to the sufficient sufficient that it is a sufficient sufficient to the sufficient sufficient that it is a sufficient to the sufficient sufficient

The writer discussed the fearfulling of establishing a central bureau, profesably in assistant, where all mans obtained in the United at tions wight be sent for an alternate analysis. We pointed out that a one-man interpretation left the resolutions one wing. This he clowed by referring to several interpretation, and eat several stations in the States of recent grams. We also insisted on a standardizin committee for installations.

Father F. A. Tondorf, S. J. Georgetown University.

We have received the fello in proof of the law of heflection from "r. d.l. Lynch, S.J., of Varienburg. while, or he states, it is not new it is worth nutuln; in the BULLETY is it is not found in the ordinary texts, and not a few may be glad to have it on han) for reference of the in teaching Thysics or Calculus. The proof in the ease of Refraction may be found in moods! Physical Options, p. 73, or in ellor's excellent ligher lathernatics for Students of Thysics and the istry, p. 147. Both proofs are based on Farmat's so-called principle or law of least time, to which a reference may be found in Frister's Theory of Light, p. 161. 3f. also couston, Trustise on Light, p. 16.



PTTCAL REFLECTION.

The following a licetion of the differential alaulus to elementary paysics appealed to the writer as a particularly "nest" one. It is taken from Galitzen's Vorlesungen ther Seismontrie, p. 95, - a copy of which exists in the Moodetock Library.

According to the principle of the Prochyctochrone, a light ray, in common with other natural phenomena, law's follows the quickest route. A ray of light from a point A, is ofter reflection from the mirror PW, to pass through a given joint B. Our problem, using the above principle, is to find the path of the ray, or simply to find the point C on the mirror, from high the ray will be reflected.

From the figure:

AC =
$$x^2 + y_1^2$$

CB = $\sqrt{(a-x)^2 + y_2^2}$

Potal path of ray = AC + CB = $\sqrt{x^2 + y_1^2} + \sqrt{(a-x)^2 + y_2^2}$

Pence, time taken = $\frac{1}{v} \left[\sqrt{x^2 + y_1^2} + \sqrt{(a-x)^2 + y_2^2} \right]$

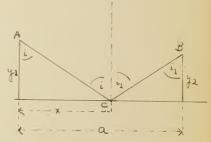
($v = \text{velocity of light in medium}$)

This is taken to be minimum (since ray is to follow quickest route.) Mence, first derivative = 0

i.e.
$$\frac{x}{\sqrt{x^2 + y_1^2}} - \frac{a - x}{\sqrt{(a - x)^2 + y_2^2}} = 0$$
i.e. $\frac{x}{AC} - \frac{a - x}{CB}$
i.e. $\sin i = \sin i_1$

i.e. sin i = sin i₁
Following out the came method in

the case of refraction, we get $\sin i = \frac{v}{v} \sin i_1$



J. J. Lymch, S.J. Valkenburg

THE OU THE OPPOSITION OF MARS.

At 7 P.M. Eastern Standard Time, on Aug. 22, 1924, Mars will be nearer to us tan at any other time during the centuries 1800-2000. It will be in opposition on August 23, and William F. Pickering, in the June-July number of Popular Astronomy gives "General Information and Instructions" for observations of the planet on this occasion. Dr. Pickering is an authority on Mars and on planetary observations, and all those interested in such matters would do well to read this article.

Father E. C. Phillips, S.J.



All of durs, interested in the Schemes of Geophysics, just realize how jojune the literature in selection is. From letters received by the writer from students and professors in Decloy at the different deiversities throughout bodies of Tashington was alcowhere, he was been led to the conviction that whit literatur, there is is not penerally hown. This was a punsized to him Tycos-Rochester in which data were given the qualic regarding the annual frequency of serthquakes which were certainly not base on the or recent researches. Last the readers of these journals should labor under a felse impression, a publication where reliable acts on the above were available and it was underthe writer to indicate this publication to our interested in this line of work.

his work and that of Galitzin, antitled Vorlaumen Wher Seismon trie, are

of Applied price, writed by Sir Wichard Wlaz-rook. Physics with its wany It is so ething pore than a cirtionary as nost of the articles are of fair

essed on the experience of a maker of prominent educators and should prove sug-

lisher's wrice 2.90). The are a surelus for Department stock. They state

Father millian F. Rigges, S.J., of Creighton University, Omaha, has two articles in Popular Astronomy Por May 1924, one on the Occultation of Albebaran, June 29, and the other on the Occultation of Percury, Aug. 2. Both are illustrated by maps. Te also has an erticle on the vocultation of Venus, Aug. 26, in the June-July number of the same publication. This latter number also contains Woodstock which appeared in the last number of our BULLETIN.



May-June, 1524 page

In the lay number of the American absorbtical conthly there is an interesting article on a Chinese book of the sixth century, "The Arithmetic Classic of Msia-Nou Yang", by Father Louis Vanhee of the Belgian Province. It is perhaps not too late to refer to an article by J.J. Yolan and F.V. Gill which a peared in the Philosophical agazine for August 1923, entitled Electrification Produced by the Pulverization of Aqueous Sclutions. An account of it is given in Science Abstracts for Jan. 1924. The second author is evidently at the T.V. Gill of the Irish Province, the worked with Sir J.J. Thu son at the Cavendish Laboratory, Cambridge University, sone wifteen years are.

An article entitled Vatican Tvinces Interest in Latest Effort to Solve Problem of New Calendar, by Father Tondorf of Georgetown iniversity, appeared

in the N.C.W.C. Editorial Sheet for May 1924.

A scholarly work of scientific as well as of chilosophical interest is the Lehrbuch der Experimentallen Espechologic, of rather J. Process, of Valconnurg. A reviewer of the latest edition writin of it in the American Journal of sychology for Jan. 1924, says, "On the whole the book is considerably improved. As it stands it is probably the best conjending of the results of experimental

"sycholo y that we now possess"

The lately received a copy of the Proceedings of the Second Annual Convention of the Jesuit Educational Association (Mid-west Division). It is an interesting and scholarly production, and we congratulate our bretween of the middle lest on their activities. We also received a set of a congetown University publication untilled The Registration of Earthquakes and Press Dispatches of Earthquakes from Jun. 1, 1923 to Jan. 1, 1924. It shows the fine work being done at the Georgetown Juismographic Station.

We received the following communication from Mr. J.J. Lynch of Valkenburg:"Aproxos of the Mulf Electro eter which you mentioned in the last issue

the Following literature may be of interest.

L'Electrometre bifilaire et ses Applications, 'v Theodore sulf, S.J., an address delivered to the Scientific Society of Prussells, published by F. and R. Centerick, Louvain, 1910.

Allg meine Theorie elektroststischer Vessinstruments mit besonderer Perucksichtigung des Quadrantelektrostetes, by T. del Pulgar and Theod.

Reception Photographique des Radiotelegrames, by J.D. Lucas, S.J., in Revue Des Questions Scientifiques, Jan. 1913.

Varia.

A paper on Gothic lindow Travery Curves was read by Father Phillips of Moodstock at the Eashington Meeting of the Maryland-Virginia-District of Columbia

Section of the American lathemetical Association, on May 17.

Science for April 19, quotin' Nature, states that Father Licent, who has been exploring the fossiliferous deposits of Northern China and has sent valuable collections of Plicene mammal remains to Paris, was joined by Father Teilhard de Chardin of the Catholic University of Faris. According to a dispatch from Peking to the Nanchester Guardian, they have now made an important discovery of human remains at a depth of sixty meters in a river deposit in Northern Kansu. Father Licent belongs to the Province of Champagne. Father Teilhard d. Chardin belangs to the Province of Champagne. Father Teilhard d. Chardin belangs to the Province of Sixty meters in serious searching for fossils at the foot of the alliffs pordering on the English Channel and made some interesting discoveries. After passing safely through all the dangers and herdships of the Lar, he took his Doctorate at the Sorbonne and became Professor of Geology at the Catholic Institute of Paris.

It may interest the mathematicians and perhaps the philosophers too, to note that A.M. Whitehead, until recently Professor of Applied Mathematics in the



Imperial College of Science and Administry, Lemon, has been appointed Professor of Philosophy at servery University.

Tr. Gookin writes from Meorgetown:

"I have no means items since the convention with this exception that President Fackland of the Addrice Chemical Society told I ther Meuland of Notre Dane, that he was very much pleased to see Catholic Priests among the members at the Convention, and felt that it gave something in the ear of interacter to the meeting. The limit of the convention and advarcing our work. Father hierland and surprised Tr. Backland by an reaching in and beginning a conversation in their rative tongue, Flemish.

EDITIONAL TOLINY FILTERS

ecalling the contribution of stars above in revious issue regarding educational order pictures repaired by the Bureau of lines, fitted rip, Pa., the following except to not be out of the e. It is from the Machington Letter appearing in the door, of Indust. And at the last few years (by the Bureau of lines).... The file is a few proposed in the last few years (by the Bureau of lines).... The file is a last proposed in the last few years (by the Bureau of lines).... The file is and other minerals. A series of films depicts most wividly such in ustral age, and other minerals. A series of films depicts most wividly such in ustral age of the making of fire clay refrectories, the maching of fire clay refrectories, the machines of such as the combustion of coal, the utilization of a tar power, and constraint of a massline motor."

J.J.Sullivan, S.J.

WARRY FROIL IS IN MALVEIC GOVERNY.

In notworth's inely is "sometry, the first equation eveloped is that for the distinct between the states in the first quadrant in the sof their coordinates. Inediatal' the question arises will the end like equations hold for any quadrant of combination of endernts? In a note on page 7 the author states, "Begain (1) is merely an illustration of the general truth that theorems and formulat endures by resoning with points and lines in the first quadrant (where to coor linetes are allows positive) and, from the very nature of the analytic method, held true then the coints or lines are situated in the other quadrants".

The the trudent on when whe must plaster an elucation, this is a delicious periodic centence and perfectly accepted a accepted as a true proposition. To the thinking student, it is to clear and final unless come proof is given. In the texts searched for an incling of a proof of the tensel statement, the ariser finds as a reward such that many any remark will satisfy all self that the equation is perfectly general, by construction of the small bases in which the points are in different mandments"; "we are in the figure in various estions, the student may convince the self that the formula location is proofs than the points are situated"; "By drawing the student chould assure in self of the journality of the formulas". Plainly as a mant will do no such thing, as nontworth modding when the above statement was summed?

It all be seen in various cases where the property of a curve or its definition will determine an equation, the location of the figure is non essential.

To ever a proof of antworth's statement derived by two analysis, will be a remarkable time sever for the teacher in the very beginning of a study in which the student finds sufficient labor and difficulty.

John J. Murphy, S.J. Georgetown University.



SCITCO . STORE ! SCHOOL.

The Science Survey School as already encoursed will be held this year at foly Cross College, deresser. The searches will begin Wender, delt il, and one on Tuesday, Aug. 12. As at for him last year there will be class every day except on Sunday. There ill be only in absorber, belong, returned as and physics. There is a morning of the progress cannot get be definitely announced. Those who are to attend will be able to learn details early during the villa.

THE ASSOCIATION THETINA.

The Annual Mouting of the Association will take place in redictely after the Second School at the New Lords College it for poin, Salti-ore, on Aug. 10 and 14. An operturity will thus be afferded to see the New College and in particular to impact the spherical awarding Science wilding. The resistive of colstock ill doubtless ake it possible for see of the former Science and Archimetics to charactery in the toologians to ettend one or two of the sessions. Our Learning is working hard to arrange the program. We now soon the preliminary list of papers in Piology and Charlistry. It is not too late to send in a title. We are lacking forward to a very successful rection.

We have received the following note of appreciation, for which we are truly grateful:

Dear Father brook:

I can the comprehence on the cur penerous assistants in the publication of the Bulletin, on the clear-out and accurate diagrams in the last number. This is only one of the points of excellence miss readers of the Bulletin surely supreciate.

Father T.G. Phillips, S.J.

THE RISH ALL OUR COUNTROLS IN BRADERS A VERY PLEASANT AND

L. D. S.

